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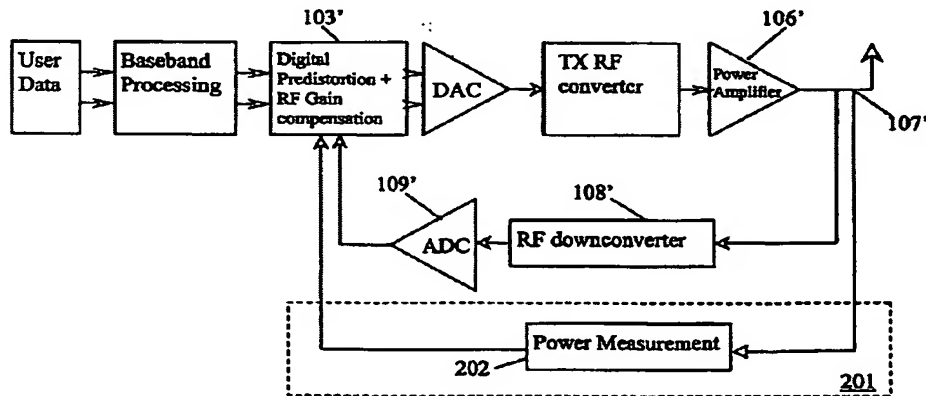
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(54) Title: METHOD AND DEVICE FOR POWER AMPLIFIER WITH HIGH ACCURACY OF AN OUTPUT SIGNAL



(57) **Abstract:** The invention relates to a method for improving the output signal accuracy of a transmitter with a forward branch for converting an input signal into a signal for transmission. The forward branch comprises an adaptation unit (103) for applying a predistortion to the input signal and a power amplifier (106). The transmitter has a first feedback branch (110), the first feedback branch (110) generating a feedback signal from the signal for transmission, said feedback signal being fed back to the adaptation unit (103), and the predistortion applied to the input signal is determined according to the feedback signal. The method comprises the steps of: measuring the output power of said signal for transmission in a second feedback branch (201) and adjusting the predistortion according to said measurement of the output power. A transmitter and a computer program product adapted to the method are also described.

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